

Appl. No. : 10/714,097
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AMENDMENTS TO THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) A method comprising:
Scanning a bar code with a first scanner to obtain first information; and
Scanning said bar code with a second scanner, different from said first scanner,
to obtain second information, different than said first information; and
decoding the bar code to obtain information about personal identification
therefrom, in a base N format, where N is at least 80% of the capability of all digits of
the bar code.

2-6 cancelled

7. (Withdrawn) A method comprising:
obtaining personal identification information,
converting said personal identification information to a string of digits of base N,
where N is greater than 10;
forming a bar code representing said base N number; and
using said bar code to represent said personal identification information.

8. (Withdrawn) A method as in claim 7, wherein said bar code is in a
specified format that uses at least eighty percent of the available digits of said bar code
in said base N number.

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9. (Withdrawn) A method as in claim 7, wherein said converting comprises converting to a form which uses all numbers, and at least some letters representing base N numbers greater than 10.

10. (Withdrawn) A method as in claim 7, wherein said personal identification information includes an address to be used to look up additional information.

11. (Withdrawn) A method as in claim 10, wherein a first part of the bar code includes actual personal identification information, and a second part of the bar code includes an address to look up additional characteristics.

12. (Withdrawn) A method as in claim 11, wherein said second part of the bar code is a linear bar code and said first part of the bar code is an additional part.

13. (Withdrawn) A method as in claim 12, wherein said additional part is a two dimensional part.

14. (Withdrawn) A method as in claim 12, wherein said additional part is a color or grayscale part.

15. (Withdrawn) A method as in claim 7, wherein said personal identification information is a picture.

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16. (Withdrawn) A method as in claim 7, wherein said personal identification information is dynamic information about the way that the user takes some action.

17. (Original) A method of forming a communication, comprising:
forming a communication;
forming a bar code as part of the communication, said bar code including scannable information which, when scanned, forms information that is supplemental to said communication.

18. (Original) A method as in claim 17, wherein said communication is an advertisement and said bar code represents a way to obtain more information about said advertisement.

19. (Original) A method as in claim 17, wherein said communication describes a time and place of some event, and said bar code represents said time and place.

20. (Original) A method as in claim 19, further comprising scanning said bar code to automatically enter said time and place into a computer doing the scanning.

21. (Original) A method as in claim 17, wherein said communication is an email.

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22. (Original) A method as in claim 21, further comprising an additional scannable bar code as part of said email which enables a user to automatically make a decision about contents of said email and send said decision to a remote location.

23. (Original) A method as in claim 22, wherein said decision is an acceptance or rejection.

24. (Original) A method as in claim 17, wherein said bar code represents an address to additional information.

25. (Original) A method as in claim 24, further comprising using a computer which has scanned said bar code to access a publicly available database with said address; and

obtaining additional information related to said bar code from said publicly available database.

26. (Original) A method as in claim 25, wherein said publicly available database is accessible via the Internet.

27. (Original) A method as in claim 17, wherein said code includes an auxiliary code which is scanned to automatically take an action.

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28. (Original) A method as in claim 17, wherein said bar code is a dual type bar code, with a first a part that is interpreted by a first bar code scanning process to obtain first information and a second part which is interpreted by a second bar code scanning process to obtain second information that has more information than first information.

29. (Original) A method as in claim 28, wherein said first part is a linear bar code and said second part is a non-linear bar code.

30. (Original) A method as in claim 28, wherein said first process is a scan in a first direction and said second process is a scan in a second direction.

31. (Original) A method as in claim 28, wherein said second part is one of grayscale or color of the bar code.

32. (Withdrawn) A method of reading a bar code, comprising:
using a camera in a consumer device to obtain an image of a person at a first time;
using the same camera in said consumer device to obtain an image of a bar code at a second time; and
using a processor in said consumer device to automatically decode contents of said bar code.

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33. (Withdrawn) A method as in claim 32, wherein said consumer device is a cellular telephone.

34. (Withdrawn) A method as in claim 32, wherein said consumer device is a portable computer.

35. (Withdrawn) A method as in claim 32, wherein said decoding comprises determining a first portion of the bar code in a first linear bar code format, and determining a second portion of the bar code which is in a second format different than said linear format.

36. (Withdrawn) A method as in claim 35, wherein said second format is a two-dimensional format.

37. (Withdrawn) A method as in claim 35, wherein said second format includes information in the color of the bar code.

38. (Original) A method comprising:
decoding a bar code to obtain information from the bar code;
using said information to access a web site that is addressed based on said information.

39. (Original) A method as in claim 38, wherein said bar code is a two-

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dimensional bar code.

40. (Original) A method as in claim 38, wherein said bar code is a three-dimensional bar code.

41. (Original) A method as in claim 38, wherein said bar code includes different parts which include different information, one of said parts including said information to access the web site.

42. (Original) A method as in claim 38, wherein said decoding comprises receiving an e-mail which includes an image of a bar code, and decoding said image to form said information.

43. (Original) A method as in claim 38, wherein said decoding comprises decoding an image of a bar code that is associated with an advertisement, said decoding said image forming said information.

44. (Withdrawn) A barcode comprising:
a series of portions encoded to represent information, wherein said information includes a Web address that can be used to access an Internet web site.

45. (Withdrawn) A barcode as in claim 44, wherein said series of portions is within an e-mail.

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46. (Withdrawn) A barcode as in claim 44, wherein said series of portions is within an advertisement.

47. (Withdrawn) A barcode as in claim 44, wherein said series of portions is encoded with the first amount of information in a single direction, and with a second amount of information when read in multiple directions.